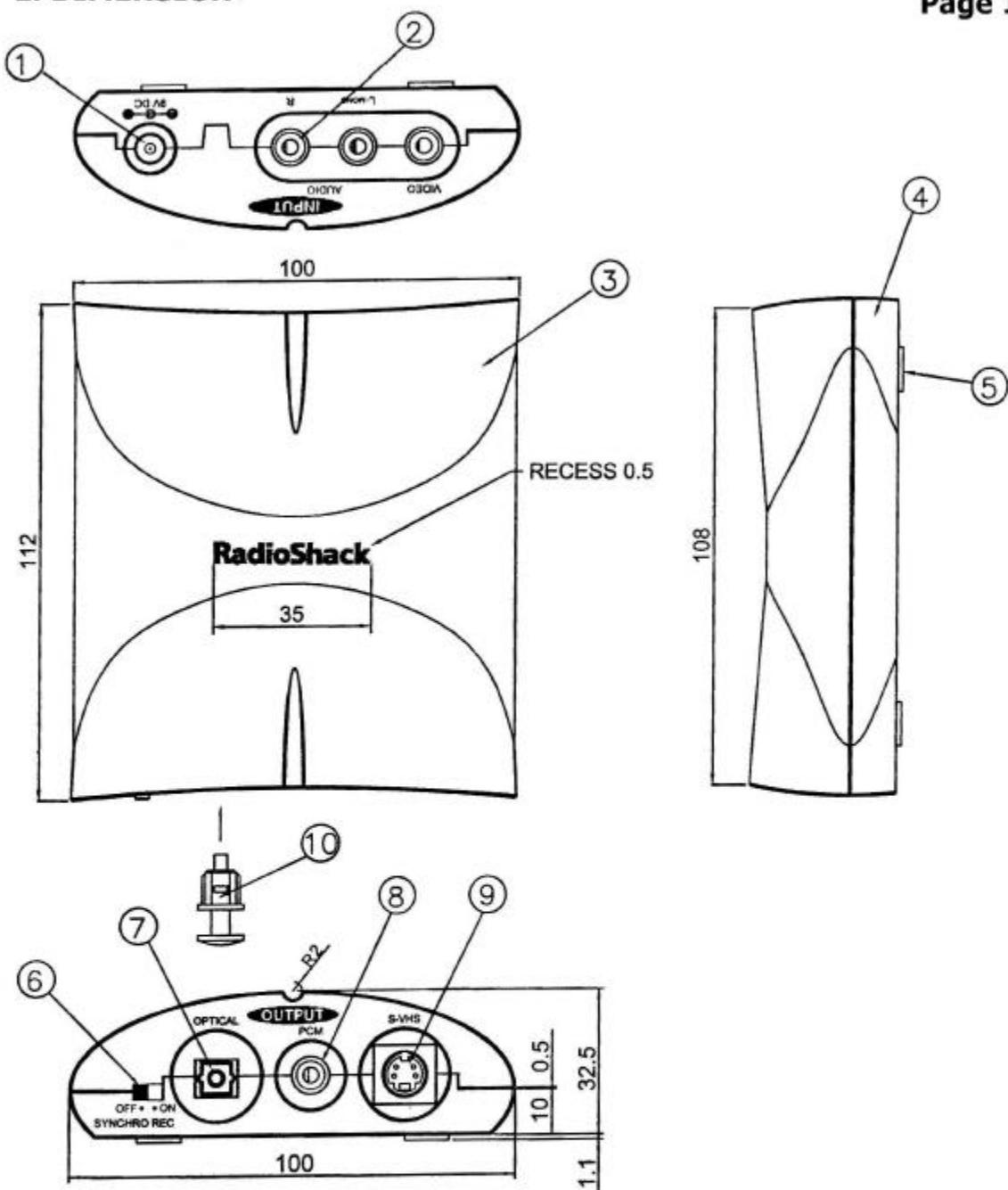


1. DIMENSION



2. PART LIST

NO	DESCRIPTION	MATERIAL	COLOR.FINISHED	REMARK
1	DC POWER JACK	PBT+G30%	BLACK	CENTER PIN : ϕ 2.0
2	RCA JACK	ABS	RED/WHITE/YELLOW GOLD PLATED	
3	UP CASE	ABS	BLACK	
4	BOTTOM	ABS	BLACK	
5	PAD	EU+PSA	BLACK	
6	SLIDE SWITCH	ABS	BLACK	SYNCHRO REC
7	TOSLINK JACK	PBT+G30%	BLACK	TRANSMISSION
8	RCA JACK	ABS	BLACK/GOLD PLATED	
9	S JACK	PBT+G30%	BLACK/GOLD PLATED	
10	PROTECT CAP	PE	BLACK	

POWER ADAPTER

TIP STYLE : STRAIGHT

TIP SIZE : OD 5.5mm ID 2.1mm

POLARITY : 

OUTPUT(V) : DC 9V 250mA

INPUT(V) : AC 120V 60Hz

LENGTH : 24 AWG 6FT

3. CHARACTERISTICS

STANDARD ATMOSPHERIC CONDITIONS

UNLESS OTHERWISE SPECIFIED, THE STANDARD RANGE OF ATMOSPHERIC CONDITIONS FOR MAKING MEASUREMENTS AND TESTS ARE AS FOLLOWS:

AMBIENT TEMPERATURE : 5°C TO 35°C
RELATIVE HUMIDITY : 45% TO 85%
AIR PRESSURE : 86KPa TO 106KPa

IF THERE IS ANY DOUBT ABOUT THE RESULTS, MEASUREMENTS SHALL BE MADE WITHIN THE FOLLOWING LIMITS:

AMBIENT TEMPERATURE : $20 \pm 2^{\circ}\text{C}$
RELATIVE HUMIDITY : 60% TO 70%
AIR PRESSURE : 86KPa TO 106KPa

3-1. HARDWARE SPECIFICATION

GENERAL
ANALOG-TO-DIGITAL
AND VIDEO RCA JACK-TO-S.VHS JACK CONVERTER

ANALOG INPUT CONNECTORS
RCA STEREO PIN JACK * 1
RCA VIDEO PIN JACK*1

ANALOG CONNECTOR INPUT CHARACTERISTICS:
ANALOG INPUT LEVEL : -10 dBm

DIGITAL OUTPUT CONNECTORS
TOSLINK OPTICAL JACK(EIAJ STANDARD) * 1
DOLBY DIGITAL (AC-3) S/PDIF (COAXIAL) JACK * 1
S.VHS JACK*1

SYNCHRO REC : ON/OFF
POWER : DC POWER JACK * 1
POWER REQUIREMENTS : DC 9V 250mA
POWER CONSUMPTION : 90 mA

3.2 EFFICIENCY

(AUDIO)

NO	ITEMS	CONDITIONS	JUDGEMENT
1	POWER SOURCE	DC 9V 250mA INSIDE PLUS	PLUG OD5.5 , ID2.1
2	OUTPUT SIGNAL	INPUT : 1KHz -10dBm	AUDIO DIGITAL SIGNAL
3	OUTPUT LEVEL(OPT)	INPUT : 1KHz -10dBm	6 μ W min $\lambda = 650\text{nm}$
4	OUTPUT LEVEL (COAXIAL)	INPUT : 1KHz -10dBm	0.2V min
5	CONNECTOR TYPE		TOSLINK JACK / RCA JACK
6	SYNCHRO: RECORDING SUPPORT	S/G: 600 Ω INPUT VOLTAGE = UNDER 30mV/10KHz	1 SECOND

(VIDEO FOR NTSC)

NO	ITEMS	CONDITIONS	JUDGEMENT
1	INPUT/OUTPUT SIGNAL	RCA JACK \longleftrightarrow S JACK	VIDEO SIGNAL
2	CONNECTOR TYPE		S JACK / RCA JACK
3	INSERTION LOSS	C = 3.58 MHz Y = 15750Hz	2.0 dB max.
4	SEPARATION	BETWEEN Y/C	75 dB min.
5	IMPEDANCE	S VHS	C — TEST F= 1 MHz 420 $\Omega \pm 40$ / 1MHz
			Y — TEST F= 15750 Hz 75 $\Omega \pm 5$ / 15750Hz
		BASEBAND	C — TEST F= 1 MHz 85 $\Omega \pm 10$ / 1MHz
			Y — TEST F= 15750 Hz 75 $\Omega \pm 5$ / 15750Hz

3-3. MECHANICAL CHARACTERISTICS

NO	ITEMS	CONDITIONS	SPECIFICATIONS
1	APPEARANCE		NO DEFECTS SUCH AS CRACKS, SCRATCHES OR BLEMISHES.
2	INSERTION FORCE	MEASUREMENT SHALL BE MADE AFTER INSERTING INTO ITS MATING PLUG OR SOCKET 3 TIMES. RCA PIN JACK TOSLINK JACK S JACK	4.9N(0.5Kgf) ~ 29.4N(3.0Kgf) 5.9N(0.6Kgf) ~ 39.2N(4.0Kgf) 5.9N(0.6Kgf) ~ 44.9N(4.59Kgf)
3	WITHDRAWAL FORCE	MEASUREMENT SHALL BE MADE AFTER WITHDRAWING INTO ITS MATING PLUG OR SOCKET 3 TIMES. RCA PIN JACK TOSLINK JACK S JACK	4.9N(0.5Kgf) ~ 29.4N(3.0Kgf) 5.9N(0.6Kgf) ~ 39.2N(4.0Kgf) 5.9N(0.6Kgf) ~ 30.4N(3.1Kgf)